

Applicant: Yemini, S.
U.S.S.N.: 10/813,842
Filing Date: March 31, 2004
EMC Docket No.: EMC-05-098(Pro)(Ord)

In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the Application.

Listing of Claims:

1. (Currently amended) A method for modeling a system having one or more components, comprising:
 - (a) dividing said system into one or more components;
 - (b) defining a plurality of realms, wherein each of said realms contains containing objects representing said one or more components;
 - (c) defining associations between realms sufficient to unify objects in said realms, wherein said associations represent at least one object common to at least two of said realms; and
 - (d) unifying objects in said realms based on said associations.
2. (Currently amended) The method of Claim 1, further comprising the step of:

unified processing of two or more realms by performing processing in each of said two or more realms, and

combining results thereof based on said associations of said two or more realms.

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3. (Currently amended) The method of Claim [[2]] 1 wherein said system is an enterprise management system.
4. (Currently amended) The method of Claim [[3]] 1 wherein said realms comprise at least one realm modeling business service components and at least one realm modeling infrastructure components.
5. (Currently amended) The method of Claim [[297]] 2 wherein the unified processing identifies infrastructure problems impacting applications, applications impacting ~~business~~ services, or infrastructure problems impacting ~~business~~ services.
6. (Currently amended) The method of Claim [[2]] 1 wherein said system comprises an engineering system.
7. (Currently amended) The method of Claim [[2]] 1 wherein said system comprises a distributed system.
8. (Currently amended) The method of Claim [[2]] 1 wherein said system comprises an application server system.
9. (Currently amended) The method of Claim [[2]] 1 wherein said system comprises a networked system.
10. (Currently amended) The method of Claim [[2]] 1 wherein said system comprises an optical network.

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11. (Currently amended) The method of Claim [[2]] 1 wherein said system comprises a wireless network.
12. (Currently amended) The method of Claim [[2]] 1 wherein said system comprises an IP network.
13. (Currently amended) The method of Claim [[2]] 1 wherein said system comprises a layered network.
14. ((Currently amended) The method of Claim [[2]] 1 wherein said system comprises a Multi-Protocol Label Switching Virtual Private Network (MPLS VPN).
15. (Currently amended) The method of Claim [[2]] 1 wherein said system comprises a messaging system.
16. (Currently amended) The method of Claim [[2]] 1 wherein said system comprises an ERP system.
17. (Currently amended) The method of Claim [[2]] 1 wherein said system comprises a dynamic system.
18. (Currently amended) The method of Claim [[2]] 1 wherein said system comprises a static system.
19. (Currently amended) The method of Claim [[2]] 1 wherein said system comprises a utility computing system, an autonomic computing system, a grid system, an on-demand system or an adaptive system.

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20. (Currently amended) The method of Claim [[2]] 1 wherein said system comprises a network, and wherein said plurality of realms comprises at least one realm modeling network infrastructure components and at least one realm modeling network security components.

21. (Currently amended) The method of Claim 1 wherein the step [[(b)]] of defining a plurality of realms is performed manually. [[manual.]]

22. (Currently amended) The method of Claim 1 wherein the step [[(b)]] of defining a plurality of realms is performed [[automated]] automatically based on given properties of said one or more components.

23. (Currently amended) The method of Claim 1 wherein the step [[(c)]] of defining associations is performed manually. [[manual.]]

24. (Currently amended) The method of Claim 1 wherein the step [[(c)]] of defining associations is performed automatically [[automated]] based on given properties of said objects.

25. (Currently amended) The method of Claim 1 wherein the step [[(c)]] of defining associations comprises identifying objects in different realms representing the same component.

26. (Currently amended) The method of Claim 25 wherein the objects in different realms are generally substantially identical.

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27. (Original) The method of Claim 25 wherein the objects in different realms are different.

28. (Original) The method of Claim 27 wherein the objects in different realms have different attributes.

29. (Original) The method of Claim 1 wherein the step [[(c)]] of defining associations comprises defining a relationship object between objects in different realms.

30. (Original) The method of Claim 1 wherein said plurality of realms are defined based on selecting subsets of components in said system.

31. (Original) The method of Claim 1 wherein said plurality of realms are defined based on different perspectives of the same component in said system.

32. (Original) The method of Claim 1 wherein said plurality of realms are defined based on different levels of abstraction of the same component in said system.

33. (Original) The method of claim 2 wherein said unified processing comprises monitoring said system.

34. (Original) The method of claim 2 wherein said unified processing comprises analyzing said system.

35. (Original) The method of claim 2 wherein said unified processing comprises control of said system.

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36. (Original) The method of claim 2 wherein said unified processing comprises simulation of said system.

37. (Original) The method of claim 2 wherein said unified processing comprises visualization of said system.

38. (Original) The method of claim 2 wherein said unified processing comprises configuration of said system.

39. (Original) The method of Claim 2 wherein said unified processing comprises provisioning of said system.

40. (Original) The method of claim 2 wherein said unified processing comprises design of said system.

41. (Original) The method of claim 2 wherein said unified processing comprises propagation of behaviors of said system of said system across realms.

42. (Original) The method of claim 2 wherein said unified processing comprises root cause analysis of events in said system of events in said system.

43. (Original) The method of claim 2 wherein said unified processing comprises correlation of events of said system.

44. (Currently amended) The method of Claim 1 wherein the step [[(a)]] of dividing said system comprises the step of:

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defining said plurality of realms based on one or more models of said system or portions thereof.

45. (Original) The method of Claim 44 wherein said realms are defined by adding associations to one or more pre-existing models of the system.

46-61. (Cancelled)

62. (Currently amended) A model of a system having one or more components, the model comprising:

a plurality of realms having objects therein representing [[said]] one or more of said components or relationships between said components; and
associations between realms sufficient to unify objects in the realms,
wherein said associations represent at least one object common to at least two of said realms.

63. (Cancelled).

64. (Currently amended) The model of Claim [[63]] 62 wherein the objects corresponding to said associations in different realms are generally substantially identical.

65. (Currently amended) The model of Claim [[63]] 62 wherein the objects corresponding to said associations in different realms are different.

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66. (Original) The model of Claim 65 wherein the objects in different realms have different attributes.

67. (Original) The model of Claim 62 wherein said associations comprise a relationship object between objects in different realms.

68. (Original) The model of Claim 62 wherein said plurality of realms are defined based on selecting subsets of components in said system.

69. (Original) The model of Claim 62 wherein said plurality of realms are defined based on different perspectives of the same component in said system.

70. (Original) The model of Claim 62 wherein said plurality of realms are defined based on different levels of abstraction of the same component in said system.

71. (Original) The model of Claim 62 wherein said system is an enterprise management system.

72. (Currently amended) The model of Claim [[71]] 62 wherein said realms comprise one or more business service realms, one or more application realms, and/or one or more infrastructure realms.

72. (Cancelled)

72a. (Cancelled)

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73. (Original) The model of Claim 62 wherein said system comprises an engineering system.

74. (Original) The model of Claim 62 wherein said system comprises a distributed system.

75. (Original) The model of Claim 62 wherein said system comprises an application server system.

76. (Original) The model of Claim 62 wherein said system comprises a networked system.

77. (Original) The model of Claim 62 wherein said system comprises an optical network.

78. (Original) The model of Claim 62 wherein said system comprises a wireless network.

79. (Original) The model of Claim 62 wherein said system comprises an IP network.

80. (Original) The model of Claim 62 wherein said system comprises a layered network.

81. (Original) The model of Claim 62 wherein said system comprises a Multi-Protocol Label Switching Virtual Private Network (MPLS VPN).

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82. (Original) The model of Claim 62 wherein said system comprises a messaging system.

83. (Original) The model of Claim 62 wherein said system comprises an ERP system.

84. (Original) The model of Claim 62 wherein said system comprises a dynamic system.

85. (Original) The model of Claim 62 wherein said system comprises a static system.

86. (Original) The model of Claim 62 wherein said system comprises a utility computing system, an autonomic computing system, a grid system, an on-demand system or an adaptive system.

87. (Original) The model of Claim 62 wherein said system comprises a network, and wherein said plurality of realms comprises at least one realm modeling network infrastructure components and at least one realm modeling network security components.

88. (Currently amended) A computer program product in computer-readable media for modeling a system having one or more components, the computer program product comprising instructions for causing a computer to:

(a) divide said system into one or more components

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(b) define a plurality of realms including objects therein representing said one or more components;

[(b)] (c) define associations between realms sufficient to unify the realms,
wherein said associations represent at least one object common to at least two of said realms; and

[(c)] (d) unify objects in the realms based on said associations.

89. (Currently amended) The computer program product of Claim 88 further comprising instructions for causing the computer to:

perform unified processing of two or more realms by performing processing in each of said two or more realms, and combining results thereof based on said associations of said two or more realms.

90. (Currently amended) The computer program product of Claim [[89]] 88 wherein said system is an enterprise management system.

91. (Currently amended) The computer program product of Claim [[90]] 88 wherein said realms comprise at least one realm modeling business service components and at least one realm modeling infrastructure components.

92. (Currently amended) The computer program product of Claim [[302]] 88 wherein the unified processing identifies infrastructure problems impacting applications, applications impacting business services, or infrastructure problems impacting business services.

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93. (Currently amended) The computer program product of Claim [[89]] 88
wherein said system comprises an engineering system.
94. (Currently amended) The computer program product of Claim [[89]] 88
wherein said system comprises a distributed system.
95. (Currently amended) The computer program product of Claim [[89]] 88
wherein said system comprises an application server system.
96. (Currently amended) The computer program product of Claim [[89]] 88
wherein said system comprises a networked system.
97. (Currently amended) The computer program product of Claim [[89]] 88
wherein said system comprises an optical network.
98. (Currently amended) The computer program product of Claim [[89]] 88
wherein said system comprises a wireless network.
99. (Currently amended) The computer program product of Claim [[89]] 88
wherein said system comprises an IP network.
100. (Currently amended) The computer program product of Claim [[89]] 88
wherein said system comprises a layered network.
101. (Currently amended) The computer program product of Claim [[89]] 88
wherein said system comprises a Multi-Protocol Label Switching Virtual Private
Network (MPLS VPN).

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102. (Currently amended) The computer program product of Claim [[89]] 88
wherein said system comprises a messaging system.
103. (Currently amended) The computer program product of Claim [[89]] 88
wherein said system comprises an ERP system.
104. (Currently amended) The computer program product of Claim [[89]] 88
wherein said system comprises a dynamic system.
105. (Currently amended) The computer program product of Claim [[89]] 88
wherein said system comprises a static system.
106. (Currently amended) The computer program product of Claim [[89]] 88
wherein said system comprises a utility computing system, an autonomic computing
system, a grid system, an on-demand system or an adaptive system.
107. (Currently amended) The computer program product of Claim [[89]] 88
wherein said system comprises a network, and wherein said plurality of realms comprises
at least one realm modeling network infrastructure components and at least one realm
modeling network security components.
108. (Currently amended) The computer program product of Claim 88
wherein the step of dividing [[(a)]] is automated based on given properties of said one or
more components.

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109. (Currently amended) The computer program product of Claim 88 wherein the step of defining associations [[(c)]] is automated based on given properties of said objects.

110. (Currently amended) The computer program product of Claim 88 wherein the step of defining associations [[(c)]] comprises identifying objects in different realms representing the same component.

111. (Currently amended) The computer program product of Claim 110 wherein the objects in different realms are generally substantially identical.

112. (Original)The computer program product of Claim 110 wherein the objects in different realms are different.

113. (Original)The computer program product of Claim 112 wherein the objects in different realms have different attributes.

114. (Original)The computer program product of Claim 88 wherein (c) comprises defining a relationship object between objects in different realms.

115. (Original)The computer program product of Claim 88 wherein said plurality of realms are defined based on selecting subsets of components in said system.

116. (Original)The computer program product of Claim 88 wherein said plurality of realms are defined based on different perspectives of the same component in said system.

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117. (Original) The computer program product of Claim 88 wherein said plurality of realms are defined based on different levels of abstraction of the same component in said system.

118. (Original) The computer program product of Claim 89 wherein said unified processing comprises monitoring said system.

119. (Original) The computer program product of Claim 89 said unified processing comprises analyzing said system.

120. (Original) The computer program product of Claim 89 wherein said unified processing comprises control of said system.

121. (Original) The computer program product of Claim 89 wherein said unified processing comprises simulation of said system.

122. (Original) The computer program product of Claim 89 wherein said unified processing comprises visualization of said system.

123. (Original) The computer program product of Claim 89 wherein said unified processing comprises configuration of said system.

124. (Original) The computer program product of Claim 89 wherein said unified processing comprises provisioning of said system.

125. (Original) The computer program product of Claim 89 wherein said unified processing comprises design of said system.

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126. (Original)The computer program product of Claim 89 wherein said unified processing comprises propagation of behaviors of said system across realms.

127. (Original)The computer program product of Claim 89 wherein said unified processing comprises root cause analysis of events in said system.

128. (Original)The computer program product of claim 89 wherein unified processing comprises correlation of events of said system.

129. (Currently amended) The computer program product of Claim 88 wherein the step of dividing [[(a)]] comprises defining said plurality of realms based on one or more models of said system or portions thereof.

130. (Original)The computer program product of Claim 129 wherein said realms are defined by adding associations to said one or more of said models.

131-146 (Cancelled).

147. (Currently amended) An apparatus for modeling a system having one or more components, the apparatus comprising:

- (a) means for dividing said system into one or more components
- (b). means for defining a plurality of realms including objects therein representing said one or more components;

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[[(b)]] (c) means for defining associations between realms sufficient to unify the realms, wherein said associations represent at least one object common to at least two of said realms; and

[[(c)]] (d) means for unifying objects in the realms based on said associations.

148. (Currently amended) The apparatus of Claim 147 further comprising:
means for unified processing of two or more realms by performing processing in each of said two or more realms, and combining results thereof based on said associations of said two or more realms.

149. (Currently amended) The apparatus of Claim [[148]] 147 wherein said system is an enterprise management system.

150. (Currently amended) The apparatus of Claim [[149]] 147 wherein said realms comprise one or more business service realms, one or more application realms, and/or one or more infrastructure realms.

151. (Currently amended) The apparatus of Claim [[150]] 147 wherein the combined results identify infrastructure problems impacting applications, applications impacting business services, or infrastructure problems impacting business services.

150. (Cancelled)

151. (Cancelled)

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152. (Currently amended) The apparatus of Claim [[148]] 147 wherein said system comprises an engineering system.

153. (Currently amended) The apparatus of Claim [[148]] 147 wherein said system comprises a distributed system.

154. (Currently amended) The apparatus of Claim [[148]] 147 wherein said system comprises an application server system.

155. (Currently amended) The apparatus of Claim [[148]] 147 wherein said system comprises a networked system.

156. (Currently amended) The apparatus of Claim [[148]] 147 wherein said system comprises an optical network.

157. (Currently amended) The apparatus of Claim [[148]] 147 wherein said system comprises a wireless network.

158. (Currently amended) The apparatus of Claim [[148]] 147 wherein said system comprises a layered network.

159. (Currently amended) The apparatus of Claim [[148]] 147 wherein said system comprises a Multi-Protocol Label Switching Virtual Private Network (MPLS VPN).

160. (Currently amended) The apparatus of Claim [[148]] 147 wherein said system comprises a messaging system.

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161. (Currently amended) The apparatus of Claim [[148]] 147 wherein said system comprises an ERP system.

162. (Currently amended) The apparatus of Claim [[148]] 147 wherein said system comprises a dynamic system.

163. (Currently amended) The apparatus of Claim [[148]] 147 wherein said system comprises a static system.

164. (Currently amended) The apparatus of Claim [[148]] 147 wherein said system comprises a utility computing system, an autonomic computing system, a grid system, an on-demand system or an adaptive system.

165. (Currently amended) The apparatus of Claim [[148]] 147 wherein said system comprises a network, and wherein said plurality of realms comprises at least one realm modeling network infrastructure components and at least one realm modeling network security components.

166. (Currently amended) The apparatus of Claim 147 wherein the step of dividing [[(a)]] is automated based on given properties of said one or more components.

167. (Currently amended) The apparatus of Claim 147 wherein the step of defining associations [[(c)]] is automated based on given properties of said objects.

168. (Currently amended) The apparatus of Claim 147 wherein the step of defining associations [[(c)]] comprises:

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means for identifying objects in different realms representing the same component.

169. (Currently amended) The apparatus of Claim 168 wherein the objects in different realms are generally substantially identical.

170. (Original)The apparatus of Claim 168 wherein the objects in different realms are different.

171. (Original)The apparatus of Claim 170 wherein the objects in different realms have different attributes.

172. (Currently amended) The apparatus of Claim 147 wherein the step of defining associations [[(c)]] comprises means for defining a relationship object between objects in different realms.

173. (Original)The apparatus of Claim 147 wherein said plurality of realms are defined based on selecting subsets of components in said system.

174. (Original)The apparatus of Claim 147 wherein said plurality of realms are defined based on different perspectives of the same component in said system.

175. (Original)The apparatus of Claim 147 wherein said plurality of realms are defined based on different levels of abstraction of the same component in said system.

176. (Original)The apparatus of Claim 148 wherein unified processing comprises monitoring said system.

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177. (Original)The apparatus of Claim 148 unified processing comprises analyzing said system.

178. (Original)The apparatus of Claim 148 wherein unified processing comprises control of said system.

179. (Original)The apparatus of Claim 148 wherein unified processing comprises simulation of said system.

180. (Original)The apparatus of Claim 148 wherein unified processing comprises visualization of said system.

181. (Original)The apparatus of Claim 148 wherein unified processing comprises configuration of said system.

182. (Original)The apparatus of Claim 148 wherein unified processing comprises provisioning of said system.

183. (Original)The apparatus of Claim 148 wherein unified processing comprises design of said system.

184. (Original)The apparatus of Claim 148 wherein unified processing comprises propagation of behaviors of said system across realms.

185. (Original)The apparatus of Claim 148 wherein unified processing comprises root cause analysis of events in said system.

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186. (Original)The apparatus of Claim 148 wherein unified processing comprises correlation of events of said system.

187. (Original)The apparatus of Claim 147 wherein the step of dividing [[(a)]] comprises means for defining said plurality of realms based on one or more models of said system or portions thereof.

188. (Currently amended) The apparatus of Claim 187 wherein said realms are defined by adding associations to said one or more said models.

189. – 204 (Cancelled)

205. (Currently amended) An apparatus for performing processing relating to a system having a plurality of components, comprising:

(a) a storage device for storing a model of the system, the model comprising a plurality of realms having objects therein representing said one or more components or relationships between components; and associations between realms sufficient to unify objects in the realms, wherein said associations represent at least one object common to at least two of said realms; and

(b) means for unified processing of two or more realms by performing processing in each of said two or more realms, and combining results thereof based on said associations of said two or more realms.

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206. (Original)The apparatus of Claim 205 wherein said system is an enterprise management system.

207. (Currently amended) The apparatus of Claim [[206]] 205 wherein said realms comprise at least one realm modeling business service components and at least one realm modeling infrastructure components.

208. (Currently amended) The apparatus of Claim [[309]] 205 wherein the unified processing identifies infrastructure problems impacting applications, applications impacting ~~business~~ services, or infrastructure problems impacting ~~business~~ services.

209. (Original)The apparatus of Claim 205 wherein said system comprises an engineering system.

210. (Original)The apparatus of Claim 205 wherein said system comprises a distributed system.

211. (Original)The apparatus of Claim 205 wherein said system comprises an application server system.

212. (Original)The apparatus of Claim 205 wherein said system comprises a networked system.

213. (Original)The apparatus of Claim 205 wherein said system comprises an optical network.

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214. (Original)The apparatus of Claim 205 wherein said system comprises a wireless network.

215. (Original)The apparatus of Claim 205 wherein said system comprises an IP network.

216. (Original)The apparatus of Claim 205 wherein said system comprises a layered network.

217. (Original)The apparatus of Claim 205 wherein said system comprises a Multi-Protocol Label Switching Virtual Private Network (MPLS VPN).

218. (Original)The apparatus of Claim 205 wherein said system comprises a messaging system.

219. (Original)The apparatus of Claim 205 wherein said system comprises an ERP system.

220. (Original)The apparatus of Claim 205 wherein said system comprises a dynamic system.

221. (Original)The apparatus of Claim 205 wherein said system comprises a static system.

222. (Original)The apparatus of Claim 205 wherein said system comprises a utility computing system, an autonomic computing system, a grid system, an on-demand system or an adaptive system.

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223. (Original)The apparatus of Claim 205 wherein said system comprises a network, and wherein said plurality of realms comprises at least one realm modeling network infrastructure components and at least one realm modeling network security components.

224. (Original)The apparatus of Claim 205 wherein unified processing comprises monitoring said system.

225. (Original)The apparatus of Claim 205 unified processing comprises analyzing said system.

226. (Original)The apparatus of Claim 205 wherein unified processing comprises control of said system.

227. (Original)The apparatus of Claim 205 wherein unified processing comprises simulation of said system.

228. (Original)The apparatus of Claim 205 wherein unified processing comprises visualization of said system.

229. (Original)The apparatus of Claim 205 wherein unified processing comprises configuration of said system.

230. (Original)The apparatus of Claim 205 wherein unified processing comprises provisioning of said system.

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231. (Original)The apparatus of Claim 205 wherein unified processing comprises design of said system.

232. (Original)The apparatus of Claim 205 wherein unified processing comprises propagation of behaviors of said system across realms.

233. (Original)The apparatus of Claim 205 wherein unified processing comprises root cause analysis of events in said system.

234. (Original)The apparatus of Claim 205 wherein unified processing comprises correlation of events of said system.

235. (Cancelled).

236. (Currently amended) A method of modeling a system having one or more components, comprising:

(a) defining a plurality of realms including objects therein representing said one or more components;

(b) creating associations between realms sufficient to unify the realms,
wherein said associations represent at least one object common to at least two of said realms; and

(c) unifying objects in the realms.

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237. (Currently amended) The method of Claim 236 further comprising the step of:

unified processing of two or more realms by performing processing in each of said two or more realms, and combining results thereof based on said associations of said two or more realms.

238. (Currently amended) The method of Claim [[237]] 236 wherein said system is an enterprise management system.

239. (Currently amended) The method of Claim [[238]] 236 wherein said realms comprise at least one realm modeling business service components and at least one realm modeling infrastructure components.

240. (Currently amended) The method of Claim [[239]] 236 wherein said realms further include at least one realm modeling application components.

241. (Currently amended) The method of Claim [[237]] 236 wherein said system comprises an engineering system.

242. (Currently amended) The method of Claim [[237]] 236 wherein said system comprises a distributed system.

243. (Currently amended) The method of Claim [[237]] 236 wherein said system comprises an application server system.

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244. (Currently amended) The method of Claim [[237]] 236wherein said system comprises a networked system.

245. (Currently amended) The method of Claim [[237]] 236wherein said system comprises an optical network.

246. (Currently amended) The method of Claim [[237]] 236wherein said system comprises a wireless network.

247. (Currently amended) The method of Claim [[237]] 236wherein said system comprises an IP network.

248. (Currently amended) The method of Claim [[237]] 236wherein said system comprises a layered network.

249. (Currently amended) The method of Claim [[237]] 236wherein said system comprises a Multi-protocol Label Switching Virtual Private Network (MPLS VPN).

250. (Currently amended) The method of Claim [[237]] 236wherein said system comprises a messaging system.

251. (Currently amended) The method of Claim [[237]] 236wherein said system comprises an ERP system.

252. (Currently amended) The method of Claim [[237]] 236wherein said system comprises a dynamic system.

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253. (Currently amended) The method of Claim [[237]] 236wherein said system comprises a static system.

254. (Currently amended) The method of Claim [[237]] 236wherein said system comprises a utility computing system, an autonomic computing system, a grid system, an on-demand system or an adaptive system.

255. (Currently amended) The method of Claim [[237]] 236wherein said system comprises a network, and wherein said plurality of realms comprises at least one realm modeling network infrastructure components and at least one realm modeling network security components.

256. (Currently amended) The method of Claim 236 wherein the step of defining [[(a)]] is performed manually manual.

257. (Currently amended) The method of Claim 236 wherein the step of defining [[(a)]] is performed automatically automated based on given properties of said components.

258. (Currently amended) The method of Claim 236 wherein the step of defining [[(b)]] is performed manually manual.

259. (Currently amended) The method of Claim 236 wherein the step of defining [[(b)]] is performed automatically automated based on given properties of said objects.

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260. (Currently amended) The method of Claim 236 wherein the step of defining [[(b)]] comprises identifying objects in different realms representing the same component.

261. (Currently amended) The method of Claim [[269]] 260 wherein the objects in different realms are generally substantially identical.

262. (Original)The method of Claim 261 wherein the objects in different realms are different.

263. (Original)The method of Claim 262 wherein the objects in different realms have different attributes.

264. (Currently amended) The method of Claim 236 wherein the step of defining [[(b)]] comprises defining a relationship object between objects in different realms.

265. (Original)The method of Claim 236 wherein said plurality of realms are defined based on selecting subsets of components in said system.

266. (Original)The method of Claim 236 wherein said plurality of realms are defined based on different perspectives of the same component in said system.

267. (Original)The method of Claim 236 wherein said plurality of realms are defined based on different levels of abstraction of the same component in said system.

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268. (Original)The method of claim 237 wherein said unified processing comprises monitoring said system.

269. (Original)The method of claim 237 wherein said unified processing comprises analyzing said system.

270. (Original)The method of claim 237 wherein said unified processing comprises control of said system.

271. (Original)The method of claim 237 wherein said unified processing comprises simulation of said system.

272. (Original)The method of claim 237 wherein said unified processing comprises visualization of said system.

273. (Original)The method of claim 237 wherein said unified processing comprises configuration of said system.

274. (Original)The method of Claim 237 wherein said unified processing comprises provisioning of said system.

275. (Original)The method of claim 237 wherein said unified processing comprises design of said system.

276. (Original)The method of claim 237 wherein said unified processing comprises propagation of behaviors of said system across realms.

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277. (Original)The method of claim 237 wherein said unified processing comprises root cause analysis of events in said system.

278. (Original)The method of claim 237 wherein said unified processing comprises correlation of events of said system.

279. (Currently amended) The method of Claim 236 wherein the step of defining [[(a)]] comprises defining said plurality of realms based on one or more models of said system or portions thereof.

280. (Original)The method of Claim 279 wherein said realms are defined by adding associations to said one or more models.

281-296. (Cancelled)

297. (Original)The method of Claim 4 wherein said realms further include at least one realm modeling application components.

298. (Currently amended) The method of Claim [[4]] 2 wherein the unified processing identifies infrastructure problems impacting business services.

299. (Currently amended) The method of Claim 1 wherein the step of unifying [[(d)]] is performed manually manual.

300. (Currently amended) The method of Claim 1 wherein the step of unifying [[(d)]] is performed automatically, automated.

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301. (Original)The method of claim 2 wherein said unified processing comprises event correlation of said system.

302. (Cancelled).

303. (Original)The computer program product of Claim 91 wherein said realms further include at least one realm modeling application components.

304. (Currently amended) The computer program product of Claim [[91]] 89 wherein the unified processing identifies infrastructure problems impacting business services.

305. (Original)The computer program product of claim 89 wherein said unified processing comprises for event correlation of said system.

306. (Currently amended) The apparatus of Claim [[150]] 147 wherein said realms further include at least one realm modeling application components.

307. (Currently amended) The apparatus of Claim [[306]] 148 wherein the unified processing identifies infrastructure problems impacting applications, applications impacting business services, or infrastructure problems impacting business services.

308. (Original)The apparatus of Claim 148 wherein said unified processing comprises event correlation of said system.

309. (Currently amended) The apparatus of Claim [[207]] 205 wherein said realms further include at least one realm modeling application components.

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310. (Currently amended) The apparatus of Claim [[207]] 205 wherein the unified processing identifies infrastructure problems impacting ~~business~~ services.

311. (Original) The apparatus of Claim 205 wherein said unified processing comprises event correlation of said system.

312. (Currently amended) The method of Claim [[240]] 237 wherein the unified processing identifies infrastructure problems impacting applications, applications impacting ~~business~~ services, or infrastructure problems impacting ~~business~~ services.

313. (Currently amended) The apparatus of Claim [[239]] 237 wherein the unified processing identifies infrastructure problems impacting ~~business~~ services.

314 (Original) The method of Claim 237 wherein said unified processing comprises event correlation of said system.

315. (Currently amended) The method of Claim 236 wherein the step of unifying [[(c)]] is performed manually manual.

316. (Currently amended) The method of Claim 236 wherein the step of unifying [[(c)]] is performed automatically automated

317. (New) The model of Claim 72 wherein said realms further include at least one realm modeling application components.

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318. (New) The apparatus of Claim 147 wherein said realms comprise at least one realm modeling business service components and at least one realm modeling infrastructure components.

319. (New) The apparatus of Claim 147 wherein the unified processing identifies infrastructure problems impacting services.